Do. No. 5038-063

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

entor(s):

John B. Halbert et al.

Serial No.:

09/678,751

Examiner:

Pierre M. Vital

Filing Date:

October 3, 2000

Group Art Unit:

2188

Title:

BUFFERED MEMORY MODULE SUPPORTING HIGH-SPEED SYSTEM

MEMORY BUS USING WIDER MEMORY MODULE BUS (as amended)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 RECEIVED

JAN 2 7 2004

INFORMATION DISCLOSURE STATEMENT

Technology Center 2100

| This Information Disclosure Statement is submitted: |
|-------------------------------------------------------------------------------------------------------------|
| under 37 CFR 1.97 (b); or |
| (Within three months of filing national application; or date of entry of International application; before |
| mailing date of first office action on the merits; or before the mailing of a first Office action after the |
| filing of a request for continued examination under §1.114; whichever occurs last) |
| \wedge |
| under 37 CFR 1.97 (c) together with either a: |
| Statement under 37 CFR 1.97 (e), or |
| a \$180 fee under 37 CFR 1.17 (p); or |
| (After mailing of first Office Action, but prior to Notice of Allowance or Final Office Action) |
| |
| under 37 CFR 1.97 (d) together with: |
| Statement under 37 CFR 1.97 (e), and |
| a \$180.00 fee set forth in 37 CFR 1.17 (p). |
| (Filed after final action or notice of allowance, whichever occurs first, but prior to payment of issue |
| fee) |
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| |

Applicant(s) submit herewith Form PTO 1449- Information Disclosure Citation

It is requested that the information disclosed herein be made of record in this application. Applicant notes that the Litaize (U.S. 6,345,321) reference is lengthy. The Examiner is particularly directed to Litaize Figures 20a and 20b and the accompanying text.

together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may

Any deficiency or overpayment to be charged or credited to deposit account number 13-1703.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 Date: January 20, 2004

Lauren Ballard-Gemmeli

be a duty to disclose in accordance with 37 CFR 1.56.

Respectfully submitted, MARGER JOHNSON & McCOLLOM, P.C.

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